

ARFGAP1 polyclonal antibody

Catalog: BS8721

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

ARFGAP1 (ADP-ribosylation factor GTPase activating protein 1), also known as ARF1 GAP, is a 406 amino acid protein that contains one ARF-GAP domain and localizes to the cytoplasm and the golgi apparatus. Functioning as a GTPase-activating protein (GAP), ARFGAP1 interacts with ARF1 and promotes hydrolysis of ARF1-bound GTP, an event that is required for both the dissociation of coat proteins from golgi structures and for the subsequent fusion of golgi vesicles with target compartments. When overexpressed, ARFGAP1, whose activity is inhibited by phosphatidylcholine and stimulated by phosphoinositides, can induce the redistribution of the entire golgi apparatus to the endoplasmic reticulum. Multiple isoforms of ARFGAP1 exist due to alternative splicing events.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 45kDa

Swiss-Prot:

Q8N6T3

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:2000

IHC: 1:50~1:200

IF: 1:50~1:200

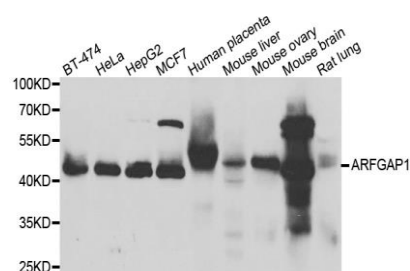
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

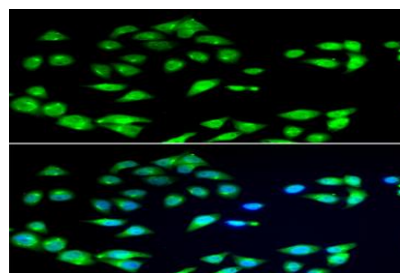
Specificity:

ARFGAP1 polyclonal antibody detects endogenous levels of ARFGAP1 protein.

DATA:



Western blot analysis of extracts of various cell lines, using ARFGAP1 antibody.



Immunofluorescence analysis of A549 cell using ARFGAP1 antibody.
Blue: DAPI for nuclear staining.

Note:

For research use only, not for use in diagnostic procedure.

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